

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 43436

**Title:** Predicting gastroesophageal varices through spleen magnetic resonance elastography in pediatric liver fibrosis

**Reviewer's code:** 02542970

**Reviewer's country:** China

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-11-14

**Date reviewed:** 2018-11-14

**Review time:** 5 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This paper aimed to predict gastroesophageal varices through spleen MR elastography in pediatric liver fibrosis. It got the result that spleen MRE values predicted gastroesophageal varices as well as the APRI and spleen size ratio in biliary atresia



**Baishideng  
Publishing  
Group**

7901 Stoneridge Drive, Suite 501,  
Pleasanton, CA 94588, USA  
**Telephone:** +1-925-223-8242  
**Fax:** +1-925-223-8243  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

patients after the Kasai operation. However, liver MRE values were not useful for this purpose. It could bring some new information for this region.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 43436

**Title:** Predicting gastroesophageal varices through spleen magnetic resonance elastography in pediatric liver fibrosis

**Reviewer's code:** 03029329

**Reviewer's country:** Japan

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-11-14

**Date reviewed:** 2018-11-26

**Review time:** 12 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The authors assessed the utility of splenic stiffness measurements by MR elastography (MRE) to predict gastroesophageal varices in children. They obtained hepatic and splenic stiffness values by performing two-dimensional spin-echo echo-planar MRE

acquisition. They compared hepatic and splenic values between Kasai group and Control group. Laboratory results for aspartate aminotransferase to platelet ratio (APRI) were evaluated, and all Kasai group patients underwent gastroesophageal endoscopy during routine follow-up. They found that spleen MRE values predicted gastresophageal varices as well as APRI and spleen size ratio in Kasai group, but that liver MRE values were not useful. This manuscript appears nearly acceptable for publication, but several revisions would be considered as follows. General Comments: This study was performed at a single center with small number of patients. The authors should discuss about the limitation of the study including the above problems. Furthermore, there should be a more thorough discussion about the other parameters that evaluate liver and spleen fibrosis using ultrasound, and the author should evaluate the predominance of their parameter.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [ Y ] No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [ Y ] No